

Date: Tue, 9 Mar 93 07:43:36 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #294
To: Info-Hams

Info-Hams Digest Tue, 9 Mar 93 Volume 93 : Issue 294

Today's Topics:

 ALERT: Minor Geomagnetic Storm Alert - 0300Z, 09 Mar.
 AURORA WARNING: Middle Latitude Auroral Activity Warning
 BULLETIN: Distribution of BBSO BEARALERTS
 Club Liability Insurance
 COLLINS URT-32/TU-9 VHF/UHF
CORRECTION: E-Mail Access in or near Bloomington, IL (not Bloomington)
 Daily Solar Geophysical Data Broadcast for 08 March
 Icom 737
 I need help for TH78...
 Kenwood TH-78A Mods Wanted
 Kenwood TH78 Mods
 Motrac Info wanted
 NOSintro Book Available
 Old RF amps and new FCC power limits
 PK232-MBX for sale
 Propagation question
 Studio mics for HF?
 WARNING: Big Bear Solar Observatory BEARALERT
 WTC Bombing Suspect

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 9 Mar 93 05:14:29 GMT
From: news-mail-gateway@ucsd.edu
Subject: ALERT: Minor Geomagnetic Storm Alert - 0300Z, 09 Mar.
To: info-hams@ucsd.edu

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MINOR GEOMAGNETIC STORM ALERT

ISSUED: 03:00 UT, 09 MARCH

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ATTENTION:

A minor geomagnetic storm has materialized following the arrival of a fairly strong interplanetary disturbance. The disturbance (launched by the major M7.7/3B tenflare of 06 March) arrived at 2139Z and produced a sudden storm commencement (SSC) measuring 50 gammas at Boulder Colorado. Simultaneous SSCs were observed around the world. The GOES-7 spacecraft experienced a magnetopause crossing from 21:53 UTC to 22:03 UTC, and again at 23:46 UTC. Major to severe geomagnetic storming has materialized since then.

This storm is expected to last approximately 24 to 36 hours. Some stabilization is expected late on 09 March or on 10 March. The intensity of the disturbance may warrant upgrading this alert over the next 12 to 24 hours.

** End of Alert **

Date: 9 Mar 93 05:23:45 GMT
From: news-mail-gateway@ucsd.edu
Subject: AURORA WARNING: Middle Latitude Auroral Activity Warning
To: info-hams@ucsd.edu

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MIDDLE LATITUDE AURORAL ACTIVITY WARNING

ISSUED: 05:00 UT, 09 MARCH

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VALID UNTIL: 19:00 UTC ON 10 MARCH

HIGH RISK PERIOD: 09 Mar - 10 Mar (UT days)
MODERATE RISK PERIOD: 09 Mar - 11 Mar

PREDICTED ACTIVITY INDICES FOR NEXT 3 DAYS: 50, 30, 16 (09 - 11 MAR)
(INPUT INTO THE PREDICTIVE AURORA SOFTWARE *)

POTENTIAL MAGNITUDE OF MIDDLE LATITUDE AURORAL ACTIVITY: MODERATE - HIGH

POTENTIAL LUNAR INTERFERENCE: HIGH

OVERALL OPPORTUNITY FOR OBSERVATIONS FROM MIDDLE LATITUDES: FAIR - POOR

AURORAL ACTIVITY _MAY_ BE OBSERVED APPROXIMATELY NORTH OF A LINE FROM...

SOUTHERN WASHINGTON STATE TO CENTRAL IDAHO TO WYOMING TO SOUTH DAKOTA
TO WISCONSIN TO MICHIGAN TO DARK SKY SITES IN NEW YORK STATE TO
MASSACHUSETTS.

AREAS IN THE U.K., AND NORTHERN EUROPE INCLUDING AREAS NEAR DENMARK,
NORWAY, SWEDEN AND FINLAND MAY ALSO BE ABLE TO OBSERVE ACTIVITY.
SOUTHERN REGIONS OF AUSTRALIA AND NEW ZEALAND MAY ALSO SPOT ISOLATED
PERIODS OF ACTIVITY DURING STRONG STORM PERIODS, ALTHOUGH THE PHASE
OF THE MOON WILL MAKE OBSERVATIONS MORE DIFFICULT.

* Contact: Oler@Rho.Uleth.CA or COler@Solar.Stanford.Edu for more information
regarding the Auroral Activity Prediction and Simulation Software.

SYNOPSIS...

A major flare that erupted on 06 March launched a disturbance that
arrived at 2139Z on 08 March. This disturbance has significantly
elevated levels of auroral activity, however the phase of the moon is
hampering attempts to view the activity. Expansion of the auroral ovals
has been observed. Anticipated maps of this activity can be derived
using the input values above and the auroral oval simulation software.
Contact: Oler@Rho.Uleth.CA, or COler@Solar.Stanford.Edu for more
information.

Sighting reports of auroral activity can be obtained using the Internet
command: "finger aurora@xi.uleth.ca" or "finger aurora@142.66.3.29".
Sightings are updated hourly. Note that some systems use the command
"tcpfinger" as opposed to "finger".

This warning will remain active until 19:00 UT on 10 March when it
will either be updated or allowed to expire.

** End of Warning **

Date: 9 Mar 93 06:24:28 GMT
From: news-mail-gateway@ucsd.edu
Subject: BULLETIN: Distribution of BBSO BEARALERTS
To: info-hams@ucsd.edu

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ADMINISTRATIVE BULLETIN

09 March, 1993

BEARALERTS to be Distributed

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ALL BEARALERTS ISSUED BY THE BIG BEAR SOLAR OBSERVATORY WILL BE DISTRIBUTED

In order to provide full coverage of potentially significant solar events and to better support the scientific objectives of interested researchers in this field, we are pleased to begin relaying all BEARALERTS released by the BBSO to those on our lists.

The last BEARALERT, released on 08 March will be posted immediately to those on our lists. Observers at the BBSO have identified a potentially significant situation developing in Region 7440 that warrants close attention.

If any of you who are on our lists do not require these BEARALERTS, please notify: Oler@Rho.Uleth.CA, or: COler@Solar.Stanford.Edu for removal.

** End of Bulletin **

Date: Mon, 8 Mar 1993 21:38:15 GMT
From: gumby!wupost!sdd.hp.com!hpscit.sc.hp.com!hplextra!hpl-opus!hpnmdla!
alanb@yale.arpa
Subject: Club Liability Insurance
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, segrest@bobseg.enet.dec.com writes:

>Greetings,

>The local club has been offered access to an excellent transmission site with
>the requirement that we show proof of at least one million dollars worth of
>liability insurance. I went to our fearless leader and he informed me that
>the club does not have any insurance. Wow!

>Do most amateur radio clubs have insurance?

>Is club liability insurance available and what does it cost?

>Is this something the ARRL can help with?

The local club has ARRL liability insurance. I think it's a million dollars worth. Cost is about \$305/year.

AL N1AL

Date: Mon, 8 Mar 1993 19:13:59 GMT
From: nsisrv!news1.gsfc.nasa.gov!NewsWatcher!user@ames.arpa
Subject: COLLINS URT-32/TU-9 VHF/UHF
To: info-hams@ucsd.edu

Have had much experience on conversion and operation of these cavity rigs using the 4CX250 tube series or 4X150 series. Typically run 400 Watts out SSB on 144Mc.

Works fine on 432 Mc. and other use on 220Mc. One unit can do all in fast change or separate rigs can be used. Used units sell from 50 to 200 \$ depending on conversion, tubes, condition. Can get into discussions if anyone is interested. DICK W1DGA

Date: Tue, 09 Mar 93 06:58:42 GMT
From: dog.ee.lbl.gov!pasteur!agate!howland.reston.ans.net!wupost!sdd.hp.com!crash!slic!news@network.UCSD.EDU
Subject: CORRECTION: E-Mail Access in or near Bloomingdale, IL (not Bloomington)
To: info-hams@ucsd.edu

Mikey sheepishly follows-up is own dumb post:

> I'm looking for a system which will allow e-mail access for a Ham
> located in the area of Bloomingdale, IL. A Waffle BBS or similar
> would be fine.

As a few folks have kindly pointed-out the inconsistency in my original post, the correct city is Blooming Dale, IL.

And free access is what is desired. Suggestions of GEnie, Prodigy, and Compuserve have been mentioned. Those would be considered if something essentially gratis is not available.

Thanks again from a guy who knows nothing (obviously) about the state of Illinois...Mike

--

Mike, San Diego, CA USA PGP V2.1 Public Key Available
mikey@slc.cts.com GEnie: SLIC Ham: WB6WUI

Date: 9 Mar 93 04:53:28 GMT
From: news-mail-gateway@ucsd.edu
Subject: Daily Solar Geophysical Data Broadcast for 08 March
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 067, 03/08/93
10.7 FLUX=146.4 90-AVG=137 SSN=159 BKI=3332 4335 BAI=019
BGND-XRAY=B2.3 FLU1=1.6E+07 FLU10=1.3E+05 PKI=3332 3335 PAI=019
BOU-DEV=025,039,027,018,040,029,038,092 DEV-AVG=038 NT SWF=00:000
XRAY-MAX= C2.0 @ 1749UT XRAY-MIN= A0.0 @ 0810UT XRAY-AVG= B4.7
NEUTN-MAX= +001% @ 2255UT NEUTN-MIN= -003% @ 0010UT NEUTN-AVG= -0.2%
PCA-MAX= +0.3DB @ 0055UT PCA-MIN= -0.3DB @ 0330UT PCA-AVG= +0.0DB
BOUTF-MAX=55435NT @ 2347UT BOUTF-MIN=55369NT @ 1817UT BOUTF-AVG=55400NT
GOES7-MAX=P:+242NT@ 2148UT GOES7-MIN=N:-170NT@ 2154UT G7-AVG=+075,+039,+007
GOES6-MAX=P:+199NT@ 2145UT GOES6-MIN=N:-177NT@ 2359UT G6-AVG=+092,+002,-055
FLUXFCST=STD:145,145,140;SESC:145,145,140 BAI/PAI-FCST=035,025,010/040,025,015
KFCST=4455 5544 4445 5333 27DAY-AP=019,014 27DAY-KP=3434 4333 2333 3342
WARNINGS=*MAJFLR;*SWF;*PROTON;*PCA;*GSTRM;*AURMIDWCH
ALERTS=**PROTNENH;**245STRM:0000-2359UTC;**MAGSI:50NT@2139UTC;
 **MAGPAUSE:GOES-7@2153-2203UTC,2346UTC
!!END-DATA!!

Date: Tue, 9 Mar 1993 10:07:47 GMT
From: dog.ee.lbl.gov!pasteur!agate!spool.mu.edu!sdd.hp.com!apollo.hp.com!hpwin052!
hpqmoea!dstock@network.UCSD.EDU
Subject: Icom 737
To: info-hams@ucsd.edu

Getting a DSP kit certainly won't make filtering problems a thing of the past. They certainly are much better than other forms of audio filter, but they come far too late in the gain profile. What happens is that signals passed by the main IF filters, early in the gain profile, pass through the bulk of the receiver gain (the IF stages) and will then activate the AGC, if you have it switched on. This will reduce the gain

for your wanted signal. If you combat this by selecting manual RF gain control, as you increase the gain, stronger, unwanted signals will drive your IF amplifiers into overload. DSP filtering is going to be THE big thing in the future, but it will be located early in the IF.

There are some receivers now on the market with digital IF and detectors, but the limiting factor is that AD converters are not yet available with sufficient bandwidth for the wanted modes AND dynamic range comparable to mixers now commonly used (you can have the Bandwidth, or the dynamic range, but not yet both at once) There is a lot of work going on in this area - you only have to read the contents list of any conference on receivers.

The audio DSP filter can be effective at cleaning up signals, but your receiver will limit any attempts to use one to receive small signals in the close proximity of large ones. The audio DSP machines demonstrate just what a filter with flat group delay and trivial ringing can sound like, and are an appetiser for things to come.

I rather enjoy reading the occasional articles on receivers that Ulrich Rohde publishes in Ham Radio, QST. One interesting thing I noticed is that modern mixers and amplifiers can now be so good that crystal filters can prove to be the limiting factor in front-end performance! Roll on the wonder ADCs !

Cheers

David

Date: 9 Mar 93 07:28:24 GMT
From: news-mail-gateway@ucsd.edu
Subject: I need help for TH78...
To: info-hams@ucsd.edu

>
>
> Hello,
>
> My TH78 do not receive below 80 Mhz, what can i do ?
>
> Thanks.
>
> Frederic FC1JS0@stna7.stna.dgac.fr
>
>
>

Date: Tue, 9 Mar 1993 02:28:43 GMT
From: gulfaero.com!ux1.cso.uiuc.edu!news.cso.uiuc.edu!ux2.cso.uiuc.edu!
tdavis@network.UCSD.EDU
Subject: Kenwood TH-78A Mods Wanted
To: info-hams@ucsd.edu

I'm considering buying a Kenwood TH-78A dual band HT. I'd like to know if there are any mods (keyboard or hardware) that will extend the size of the 70cm band. I'm primarily interested in expanding the RX range to include the 470's, but I'd be interested in TX mods as well.

(If you have any positive or negative comments about the radio itself, I'd appreciate those, too.)

Please e-mail replies to tdavis@ux2.cso.uiuc.edu. I don't read network news very often. :-)

Thanks in advance.

Todd Davis
N9QYE

--
/ Todd Davis | Internet: tdavis@ux2.cso.uiuc.edu |
B.S./Computer Engineering	C-Serve: 71042,2242 Amateur Radio N9QYE
University of Illinois	Coordinates: 40 06' 47" N/88 13' 35" W
at Urbana-Champaign	America OnLine: TRDavis

Date: Tue, 9 Mar 1993 08:27:39 GMT
From: pa.dec.com!rdg.dec.com!forsan.enet.dec.com!frenchs@decwrl.dec.com
Subject: Kenwood TH78 Mods
To: info-hams@ucsd.edu

I am about to purchase the Kenwood TH-78E, a rather nice looking radio. Could someone either repost the Mod. sheet or mail it to me at frenchs@forsan.enet.dec.com or frenchs@suburb.enet.dec.com please.

Could someone also post the prices of the memory expansion and CTCSS modules. Over here they cost #109.95 (approx. \$160) and #34 (approx. \$50) respectively. Are these fair prices?

Simon de G6ZTZ

Date: Mon, 08 Mar 1993 16:31:46 -0600
From: usc!howland.reston.ans.net!spool.mu.edu!uwm.edu!src.honeywell.com!The-
Star.honeywell.com!umn.edu!uum1!kksys.com!tdkt!FredGate@network.UCSD.EDU
Subject: Motrac Info wanted
To: info-hams@ucsd.edu

I would like info on a Motrac radio that a purchased. It's a big
radio hht series I think (that's what the guy that sold it said).
All info would be VERY helpful to me: any manuals, diagrams, tuning info,
ANYTHING!!!!!!!!!!.

Date: 8 Mar 93 20:04:00 GMT
From: agate!howland.reston.ans.net!zaphod.mps.ohio-state.edu!sdd.hp.com!crash!
filebank!drew.dwyer@ames.arpa
Subject: NOSintro Book Available
To: info-hams@ucsd.edu

To: drew=cpptssac%mqg1@mqg1.usmc.mil

JC>Newsgroups: rec.radio.amateur.misc
JC>Subject: NOSintro Book Available
JC>Message-ID: <C3H2os.F6n@iat.holonet.net>
JC>From: JCHESNER@HOLONET.NET
JC>Date: 6 Mar 93 14:53:12 GMT

JC>CAPRA - the Chicago Area Packet Radio Association has arranged to
JC>obtain a supply of Ian Wade, G3NRW's new TCP/IP primer -
JC>"NOSintro." Reviews of this book have been quite good.

JC>This 356 page book is a hands-on tutorial with documentation
JC>regarding TCP/IP and NOS software version of this international
JC>standard as implemented for use with amateur packet radio
JC>operations.

JC>An earlier posting listed all of the 35 chapters of the book
JC>which outline the basics and more advanced topics of TCP/IP;
JC>there are 6 Appendices with additional reference materials and
JC>information. The book has over 80 detailed diagrams with
JC>"countless examples of commands and screen displays".

JC>We expect to receive the books and mail them prior to the end of
JC>March, 1993. In the event that this is not possible due to
JC>unforseen circumstances, we will notify you if we expect delays

JC>beyond April 15, 1993.

JC>The books will be shipped via U.S. Postal Service's 2nd Day
JC>Priority Mail service upon receipt here in suburban Chicago.

JC>Ian Wade, the author, has given us a discount for our quantity
JC>purchase. The cost to you will be \$22.50 which is slightly under
JC>the total cost which you would have were ordering directly from
JC>the publisher in the U.K.

JC>This is NOT a money making undertaking on the part of our group.
JC>Many of us are active on TCP/IP and feel that this is a way to
JC>increase the awareness of and technical expertise of others who
JC>may be interested in or who are currently using the protocol in
JC>amateur radio circles.

JC>Send your complete mailing address, a telephone number at which
JC>you can be reached should there be a problem, and a check/money
JC>order made out to CAPRA in the amount of \$22.50. Mail it to:

JC>CAPRA - Chicago Area Packet Radio Association
JC>Post Office Box 8251
JC>Rolling Meadows, Illinois 60008

JC>Please - no requests for information, orders, etc., via amateur
JC>packet radio resources.

JC>73 de Jim, N9GBH
JC>CAPRA - Vice President

JC>jchesner@holonet.net 70040.125@compuserve.com
JC>(708) 253-0046 in Mt. Prospect, Illinois (NW Suburban Chicago)

. OLX 2.2 . Back Up My Hard Drive? I Can't Find The Reverse Switch!

| The File Bank BBS - 619-728-4318 - PCBoard v.14.5a/E10 - USR HST & DS |
| 8 nodes / RIME / Internet / Largest Clipper file collection in the world |

Date: Mon, 8 Mar 1993 21:41:31 GMT
From: dog.ee.lbl.gov!hellgate.utah.edu!cs.utexas.edu!zaphod.mps.ohio-state.edu!
sdd.hp.com!hpscit.sc.hp.com!hplextra!hpl-opus!hpnmdla!alanb@network.UCSD.EDU
Subject: Old RF amps and new FCC power limits
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, rdewan@casbah.acns.nwu.edu (Rajiv Dewan) writes:

>So is my story correct or can many amps of yore be used for CW in
>the higher power SSB setting? Some older amps, like the Kenwood 922,
>I believe, cannot handle CW in the SSB setting.

You should be able to run full SSB limit on CW as long as you don't hold the key down too long. As evidence, amplifiers with a single 3-500Z generally specify 1 KW input on CW, while 2-tube amps specify 1 kW on CW and 2 kW on SSB.

AL N1AL

Date: 8 Mar 93 20:04:00 GMT
From: agate!spool.mu.edu!sdd.hp.com!crash!filebank!drew.dwyer@ames.arpa
Subject: PK232-MBX for sale
To: info-hams@ucsd.edu

To: drew=cpptssac%mqg1@mqg1.usmc.mil

From: crisp@ecsvax.uncecs.edu (Russ Crisp)
Message-ID: <1993Mar4.140538.18812@ecsvax.uncecs.edu>
Date: Thu, 4 Mar 1993 14:05:38 GMT

Hello.

I have a PK232-MBX TNC for sale.

The PK232-MBX is less than a year old, and comes in the original box with all documentation. The packet bug bit me, but I didn't get the fever. This unit has seen very little action, in new condition. Functions nicely as a TNC, and has many other capabilities such as AMTOR, RTTY, several FAX modes, etc. Will send as well as receive these modes. Has mailbox capability. I'll even in throw in the cables I built to connect the unit to the PC. I paid over \$300 for this one just a short time ago, and they haven't gotten any cheaper..

Price: \$250.00

If you want more info, or want to make an offer, drop me a note!

Thanks,
Russ Crisp

Systems Analyst
Western Carolina University

. OLX 2.2 . All wiyht. Rho sritched mg kegtops awound?

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*-----*
| The File Bank BBS - 619-728-4318 - PCBoard v.14.5a/E10 - USR HST & DS |
| 8 nodes / RIME / Internet / Largest Clipper file collection in the world |
*-----*
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Date: Tue, 9 Mar 1993 04:35:32 GMT
From: pacbell.com!amdahl!netcomsv!xyzzoom!rob@network.UCSD.EDU
Subject: Propagation question
To: info-hams@ucsd.edu

A ham friend of mine is going to set sail soon from Los Angeles to Costa Rica. We want to keep a schedule, probably at about 1500 UTC (7 AM PST), and wonder what would generally be the best band for our contact as they get further and further south. Very roughly I figured to start on 40 meters for the first 500 miles or so, and then switch to 15 or 20 meters? Their course takes them further east into daylight as the trip progresses, so the MUF should rise (given the fixed time of the schedule), right?

I appreciate very much any help on this.

--Rob

--

Rob Lingelbach KB6CUN | 2660 Hollyridge Dr LA CA 90068 213 464 6266 (voice)
rob@xyzzoom.info.com | "I care not much for a man's religion whose dog or
robl@netcom.com | cat are not the better for it." --Abraham Lincoln

Date: Tue, 9 Mar 1993 04:44:41 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!
europa.eng.gtefsd.com!emory!athena!aisun3.ai.uga.edu!mcovingt@network.UCSD.EDU
Subject: Studio mics for HF?
To: info-hams@ucsd.edu

They would probably work fine; the circuitry inside the radio should narrow down the audio response to the desired range (perhaps 300-4000 Hz).

--
:- Michael A. Covington internet mcovingt@uga.cc.uga.edu : *****
:- Artificial Intelligence Programs phone 706 542-0358 : *****
:- The University of Georgia fax 706 542-0349 : * * *
:- Athens, Georgia 30602-7415 U.S.A. amateur radio N4TMI : ** *** **

Date: 9 Mar 93 06:38:24 GMT
From: news-mail-gateway@ucsd.edu
Subject: WARNING: Big Bear Solar Observatory BEARALERT
To: info-hams@ucsd.edu

BEARALERT 1993 March 08

Update to 1993 March 02 Bearalert
NOAA region 7440, S07 E05 / 08Mar93-1800UT

Since our original BEARALERT of Mar 02, the region 7440 built up to the large flare of Mar 06. Since then it has evolved towards further magnetic complexity in a particularly interesting way. The spots where the Mar 06 event occurred have disappeared along with much of the field, leaving the large positive main spot. Satellite dipoles have appeared, the positive polarity adding to the main spot. BETWEEN THE MAIN SPOT AND EACH OF THESE SATELLITES THERE ARE STRONG SHEARED TRANSVERSE FIELDS. This can be seen by examining magnetogram XMar08a.fts in Arch:[ftp.region] on Suncub. Other images for the week are there; the c images in Halpha are all made with the Rakuljic filter. The region is now reminiscent of March 89, and we think we are watching the growth of an island delta configuration of unbalanced main polarity surrounded by satellite flux. We continue to forecast M-class or stronger flares.

Because some people did not realize the alert was still in effect, we will issue more frequent BEARALERT updates in the future.

WHM, GCE, JRV, HZ

Date: Tue, 9 Mar 1993 04:47:11 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!
europa.eng.gtefsd.com!emory!athena!aisun3.ai.uga.edu!mcovingt@network.UCSD.EDU
Subject: WTC Bombing Suspect
To: info-hams@ucsd.edu

In article <1993Mar5.170228.11900@ncar.ucar.edu> ren@rap.ucar.edu (Ren Tescher)

writes:

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> UPI radio news this morning carried a quote from an FBI agent
>inregard to the search of the home of the suspect of the World Trade
>Center bombing. It went something like this...
> 'We found wiring and tools, electronic components and books
>containing information about RF circuitry...'
> Uh, gee, how many people DO YOU KNOW who'd fit that criteria?
```

There's a big difference between suspicion and accusation.

I'm sure they had good reasons to suspect this person other than merely finding RF parts in his home.

Detectives are very clear on the difference between suspicion and accusation, but the news media and the general public aren't. Let's hope this doesn't give people the impression that all electronic tinkerers are bomb makers.

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:- Michael A. Covington      internet mcovingt@uga.cc.uga.edu :      *****
:- Artificial Intelligence Programs      phone 706 542-0358 :      *****
:- The University of Georgia      fax 706 542-0349 :      * * *
:- Athens, Georgia 30602-7415 U.S.A.      amateur radio N4TMI :      ** *** **
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End of Info-Hams Digest V93 #294
